

Hand-held electrical combination hammer drill

Patent Number: [US6550545](#)

Publication date: 2003-04-22

Inventor(s): BURGER HELMUT (DE); EGE MANFRED (DE); ANZINGER JOSEF (DE); MANSCHITZ ERWIN (DE); DOBERENZ MATHIAS (DE)

Applicant(s): HILTI AG (LI)

Requested Patent: [DE19937767](#)

Application Number: US20000635282 20000809

Priority Number (s): DE19991037767 19990810

IPC Classification: E02D7/02

EC Classification: [B25D16/00M](#), [H01H9/06](#)

Equivalents: CN1283537, [EP1075905](#), A3, [JP2001062756](#)

Abstract

A hand-held electrical combination hammer drill capable of being used both as a drilling hammer and as a chisel hammer, and including an actuation member (17) for actuating an electrical on-off switch of the hammer drill and located on the tool handle switching elements (3, 4) for switching between drilling and chiseling operations, stop elements (5-22) actuated by the switching means (3, 4) for retaining the actuation member (17) in an on-position of the on-off switch upon selection of the chiseling operation, and a stop switch (15) having, upon selection of the chiseling operation, a first position in which the stop switch provides for securing the actuation member (17) in its on-position with the stop elements (5-22), and a second position in which the stop elements occupies a non-operative position in which the actuation member, upon being released, automatically moves into its off-position under an action of a biasing force

Data supplied from the [esp@cenet](#) database - i2